

Name: \_\_\_\_\_

**at1110paper\_\_practice\_\_test (v17)**

1. Expand the following expression into standard form.

$$(9x - 5)^2$$

2. Solve the equation.

$$(8x - 3)(7x + 2) = 0$$

3. Expand the following expression into standard form.

$$(7x - 5)(7x + 5)$$

4. Factor the expression.

$$64x^2 - 49$$

5. Solve the equation.

$$10x^2 - 71x + 49 = 3x^2 - 2x - 5$$

6. Solve the equation with factoring by grouping.

$$20x^2 + 8x - 15x - 6 = 0$$

7. Expand the following expression into standard form.

$$(3x - 2)(7x - 5)$$

8. Factor the expression.

$$x^2 - 6x + 8$$